

Title (en)

COMPOSITE SHEET, LAMINATE, AND EVALUATION METHOD FOR ESTIMATING ADHESIVENESS OF COMPOSITE SHEET

Title (de)

VERBUNDFOLIE, LAMINAT UND BEURTEILUNGSVERFAHREN ZUR SCHÄTZUNG DER HAFTUNG EINER VERBUNDFOLIE

Title (fr)

FEUILLE COMPOSITE, STRATIFIÉ ET PROCÉDÉ D'ÉVALUATION POUR ESTIMER L'ADHÉSIVITÉ D'UNE FEUILLE COMPOSITE

Publication

EP 4207267 A1 20230705 (EN)

Application

EP 21875605 A 20210928

Priority

- JP 2020163283 A 20200929
- JP 2021035601 W 20210928

Abstract (en)

One aspect of the present disclosure provides a composite sheet including a porous sintered ceramic component having a thickness of less than 2 mm and a resin filled into pores of the sintered ceramic component, wherein the resin is a semi-cured product of a resin composition including a compound having a cyanate group and the content of triazine rings in the resin is 0.6 to 4.0 mass%.

IPC 8 full level

H01L 23/15 (2006.01); **B32B 5/18** (2006.01); **B32B 9/00** (2006.01); **B32B 9/04** (2006.01); **B32B 15/04** (2006.01); **B32B 27/04** (2006.01); **C04B 35/5835** (2006.01); **C04B 38/00** (2006.01); **C04B 41/83** (2006.01); **H01L 23/12** (2006.01); **H01L 23/14** (2006.01)

CPC (source: EP US)

B32B 9/005 (2013.01 - EP US); **B32B 9/041** (2013.01 - EP US); **B32B 15/20** (2013.01 - EP US); **C04B 35/583** (2013.01 - EP US); **C04B 35/64** (2013.01 - EP); **C04B 37/028** (2013.01 - US); **C04B 38/0074** (2013.01 - EP); **C04B 38/068** (2013.01 - US); **C04B 41/009** (2013.01 - EP); **C04B 41/4884** (2013.01 - EP US); **C04B 41/83** (2013.01 - EP US); **G01N 21/35** (2013.01 - EP); **G01N 21/552** (2013.01 - EP); **G01N 21/8422** (2013.01 - EP); **B32B 2255/26** (2013.01 - US); **B32B 2260/02** (2013.01 - EP US); **B32B 2260/046** (2013.01 - EP US); **B32B 2307/7376** (2023.05 - EP US); **B32B 2307/748** (2013.01 - US); **C04B 2111/00612** (2013.01 - EP); **C04B 2111/00844** (2013.01 - EP); **C04B 2235/3208** (2013.01 - EP); **C04B 2235/3821** (2013.01 - EP); **C04B 2235/3856** (2013.01 - EP US); **C04B 2235/386** (2013.01 - US); **C04B 2235/424** (2013.01 - EP); **C04B 2235/442** (2013.01 - EP); **C04B 2235/604** (2013.01 - EP); **C04B 2235/6567** (2013.01 - EP); **C04B 2235/658** (2013.01 - EP); **C04B 2235/6586** (2013.01 - EP); **C04B 2235/94** (2013.01 - EP); **C04B 2237/361** (2013.01 - US); **C04B 2237/407** (2013.01 - US); **C04B 2237/61** (2013.01 - US); **H01L 23/15** (2013.01 - EP US); **H01L 23/3735** (2013.01 - EP)

C-Set (source: EP)

1. **C04B 41/009 + C04B 35/583 + C04B 38/00**
2. **C04B 41/4884 + C04B 41/4853**
3. **C04B 38/0074 + C04B 35/583 + C04B 38/0054**

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4207267 A1 20230705; **EP 4207267 A4 20240515**; CN 116034017 A 20230428; JP 7080427 B1 20220603; JP WO2022071304 A1 20220407; US 2023357090 A1 20231109; WO 2022071304 A1 20220407

DOCDB simple family (application)

EP 21875605 A 20210928; CN 202180053838 A 20210928; JP 2021035601 W 20210928; JP 2022522040 A 20210928; US 202118246123 A 20210928